BRUHATH BANGALORE MAHANAGARAPALIKE

YELAHANKA ZONE

1ST AND FINAL BILL

Name of work:Improvements to roads and drains at Atturu Village Surrounding areas in ward No.03

Work Order No: BBMP / EE/ YNK.D/EPMT-8/ W.O /215/2020-21 dt:13-01-2021

JOB NUMBER:003-20-000264

Estimate Cost:99.90 lakhs

Name of Contractor : Sri.R.Shivaram

Item No	Description of Item	No	Length	Breadth	D1	D2	Avg Depth	Unit	Qty	Rate in Rs	Amount
1	Earthwork excavation by manual means for roads, drains & similar works in ordinary soil invoiving , excavated surface leveled & sides neatly dressed , the disposed earth to be levelled neatly after breaking of clods complete as per specification MORTH/ Chapter 3.										
	Qty Taken from Pre measurement page Item No. 1, page No.1to3							**Cum**	**1346.18**	**220.40**	**296698.07**
2	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 20mm and down size graded granite metal coarse aggregates @0.84cum and fine aggregtes @ 0.56cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications.										
	Qty Taken from Pre measurement page Item No. 2, Page No.3 to 5							**Cum**	**201.94**	**5509.33**	**1112573.38**
3	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500, 1700, 2200. including cost of materials, labour, HOM complete as per specificationsdo- Wall & bottom thickness 15cm										
	For RCC drain										
	For Bottom Raft										
	Atturu Village										
	Veerabhadra Swamy Temple Road										
	RHS	1	30.00	0.95	0.15	0.15	0.15		4.28		
		1	30.00	0.95	0.15	0.15	0.15		4.28		
		1	18.80	0.95	0.15	0.15	0.15		2.68		
	1st Cross road From Veerabhadra Swamy Temple Road to Lake Road										
	LHS	1	30.00	0.95	0.15	0.15	0.15		4.28		
		1	30.00	0.95	0.15	0.15	0.15		4.28		
		1	21.60	0.95	0.15	0.15	0.15		3.08		
		1	5.20	0.95	0.15	0.15	0.15		0.74		
	1st Cross road										
	From Atturu Main road to 2nd Main Road										
	RHS	1	18.80	0.95	0.15	0.15	0.15		2.68		
	From 4th Main Road to 5th Main Road										
	RHS	1	24.80	0.95	0.15	0.15	0.15		3.53		
	From 5th Main Road to 6th Main Road										
	LHS	1	23.80	0.95	0.15	0.15	0.15		3.39		
	RHS	1	11.20	0.95	0.15	0.15	0.15		1.60		
	From 6th Main Road to 7th Main Road										
	LHS	1	23.90	0.95	0.15	0.15	0.15		3.41		
	RHS	1	24.50	0.95	0.15	0.15	0.15		3.49		
	From 7th Main Road to 8th Main Road										
	LHS	1	11.50	0.95	0.15	0.15	0.15		1.64		
	RHS	1	24.40	0.95	0.15	0.15	0.15		3.48		
	From 8th Main Road to 9th Main Road										
	LHS	1	24.90	0.95	0.15	0.15	0.15		3.55		

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ-1
ಬಿ.ಬಿ.ಎಂ.ಪಿ, ಬೆಂಗಳೂರು-106

Item No	Description of Item	No	Length	Breadth	D1	D2	Avg Depth	Unit	Qty	Rate in Rs	Amount
	RHS	1	21.60	0.95	0.15	0.15	0.15		3.08		
	From 9th Main Road to 10th Main Road										
	RHS	1	23.40	0.95	0.15	0.15	0.15		3.33		
	2nd Cross road										
	From 8th Main Road to 9th Main Road										
	LHS	1	23.50	0.95	0.15	0.15	0.15		3.35		
	RHS	1	23.60	0.95	0.15	0.15	0.15		3.36		
	8th Main Road										
	From 2nd cross to 3rd cross										
	LHS	1	30.00	0.95	0.15	0.15	0.15		4.28		
		1	30.00	0.95	0.15	0.15	0.15		4.28		
		1	14.40	0.95	0.15	0.15	0.15		2.05		
	From 3rd cross to 4th cross										
	LHS	1	30.00	0.95	0.15	0.15	0.15		4.28		
		1	30.00	0.95	0.15	0.15	0.15		4.28		
		1	12.70	0.95	0.15	0.15	0.15		1.81		
	7th Main Road										
	From 4th cross to 5th cross										
	LHS	1	30.00	0.95	0.15	0.15	0.15		4.28		
		1	16.00	0.95	0.15	0.15	0.15		2.28		
	RHS	1	30.00	0.95	0.15	0.15	0.15		4.28		
		1	5.30	0.95	0.15	0.15	0.15		0.76		
	6th Main Road										
	From 5th cross to 4th cross										
	LHS	1	30.00	0.95	0.15	0.15	0.15		4.28		
		1	15.60	0.95	0.15	0.15	0.15		2.22		
	RHS	1	23.40	0.95	0.15	0.15	0.15		3.33		
	2nd Main Road										
	From 4th cross to 5th cross										
	LHS	1	30.00	0.95	0.15	0.15	0.15		4.28		
		1	30.00	0.95	0.15	0.15	0.15		4.28		
		1	5.00	0.95	0.15	0.15	0.15		0.71		
	RHS	1	30.00	0.95	0.15	0.15	0.15		4.28		
		1	30.00	0.95	0.15	0.15	0.15		4.28		
		1	5.00	0.95	0.15	0.15	0.15		0.71		
		1	5.00	0.95	0.15	0.15	0.15		0.71		
		1	3.80	0.95	0.15	0.15	0.15		0.54		
	5th cross										
	From Atturu Main road to 1st Main Road										
	LHS	1	12.80	0.95	0.15	0.15	0.15		1.82		
	From 4th Main road to 5th Main Road										
	RHS	1	11.70	0.95	0.15	0.15	0.15		1.67		
	From 5th Main road to 6th Main Road										
		1	25.00	0.95	0.15	0.15	0.15		3.56		
	From 6th Main road to 7th Main Road										
	RHS	1	26.50	0.95	0.15	0.15	0.15		3.78		
	From 7th Main road to 8th Main Road										
	RHS	1	23.00	0.95	0.15	0.15	0.15		3.28		
	1st Main Road										
	From 5th cross to 6th cross										
	LHS	1	30.00	0.95	0.15	0.15	0.15		4.28		
		1	30.00	0.95	0.15	0.15	0.15		4.28		
		1	30.00	0.95	0.15	0.15	0.15		4.28		
		1	30.00	0.95	0.15	0.15	0.15		4.28		
		1	20.30	0.95	0.15	0.15	0.15		2.89		

Eskart Engineering Layout

Item No	Description of Item	No	Length	Breadth	D1	D2	Avg Depth	Unit	Qty	Rate in Rs	Amount
	Cross Road From 3rd Main Road to Dead End										
	LHS	1	30.00	0.95	0.15	0.15	0.15		4.28		
		1	30.00	0.95	0.15	0.15	0.15		4.28		
		1	30.00	1.00	0.15	0.15	0.15		4.50		
		1	30.00	0.95	0.15	0.15	0.15		4.28		
		1	30.00	0.95	0.15	0.15	0.15		4.28		
		1	21.00	0.95	0.15	0.15	0.15		2.99		
	Dead End Road										
		1	25.00	0.95	0.15	0.15	0.15		3.56		
	For RCC Wall										
	Atturu Village										
	Veerabhadra Swamy Temple Road										
	RHS	2	30.00	0.15	0.70	0.65	0.68		6.08		
		2	30.00	0.15	0.65	0.75	0.70		6.30		
		2	18.80	0.15	0.75	0.75	0.75		4.23		
	1st Cross road From Veerabhadra Swamy Temple Road to Lake										
	LHS	2	30.00	0.15	0.65	0.70	0.68		6.08		
		2	30.00	0.15	0.70	0.70	0.70		6.30		
		2	21.60	0.15	0.70	0.75	0.73		4.70		
		2	5.20	0.15	0.75	0.65	0.70		1.09		
	1st Cross road										
	From Atturu Main road to 2nd Main Road										
	RHS	2	18.80	0.15	0.50	0.65	0.58		3.24		
	From 4th Main Road to 5th Main Road										
	RHS	2	24.80	0.15	0.55	0.65	0.60		4.46		
	From 5th Main Road to 6th Main Road										
	LHS	2	23.80	0.15	0.55	0.65	0.60		4.28		
	RHS	2	11.20	0.15	0.55	0.55	0.55		1.85		
	From 6th Main Road to 7th Main Road										
	LHS	2	23.90	0.15	0.40	0.60	0.50		3.59		
	RHS	2	24.50	0.15	0.60	0.65	0.63		4.59		
	From 7th Main Road to 8th Main Road										
	LHS	2	11.50	0.15	0.50	0.70	0.60		2.07		
	RHS	2	24.40	0.15	0.55	0.65	0.60		4.39		
	From 8th Main Road to 9th Main Road										
	LHS	2	24.90	0.15	0.55	0.60	0.58		4.30		
	RHS	2	21.60	0.15	0.40	0.60	0.50		3.24		
	From 9th Main Road to 10th Main Road										
	RHS	2	23.40	0.15	0.50	0.65	0.58		4.04		
	2nd Cross road										
	From 8th Main Road to 9th Main Road										
	LHS	2	23.80	0.15	0.40	0.65	0.53		3.70		
	RHS	2	23.60	0.15	0.60	0.55	0.58		4.07		
	8th Main Road										
	From 2nd cross to 3rd cross										
	LHS	2	30.00	0.15	0.60	0.60	0.60		5.40		
		2	30.00	0.15	0.60	0.60	0.60		5.40		
		2	14.40	0.15	0.60	0.55	0.58		2.48		
	From 3rd cross to 4th cross										
	LHS	2	30.00	0.15	0.55	0.55	0.55		4.95		
		2	30.00	0.18	0.55	0.60	0.58		5.18		
		2	12.70	0.15	0.60	0.70	0.65		2.48		
	7th Main Road										
	From 4th cross to 5th cross										
	LHS	2	30.00	0.15	0.55	0.70	0.63		5.62		
		2	16.00	0.15	0.70	0.65	0.68		3.24		

Item No	Description of Item	No	Length	Breadth	D1	D2	Avg Depth	Unit	Qty	Rate in Rs	Amount
	RHS	2	30.00	0.15	0.55	0.65	0.60		5.40		
		2	5.30	0.15	0.65	0.65	0.65		1.03		
	6th Main Road										
	From 5th cross to 4th cross										
	LHS	2	30.00	0.15	0.60	0.60	0.60		5.40		
		2	15.60	0.15	0.60	0.70	0.65		3.04		
	RHS	2	23.40	0.15	0.60	0.60	0.60		4.21		
	2nd Main Road										
	From 4th cross to 5th cross										
	LHS	2	30.00	0.15	0.55	0.60	0.58		5.18		
		2	30.00	0.15	0.60	0.40	0.50		4.50		
		2	5.00	0.15	0.40	0.50	0.45		0.68		
	RHS	2	30.00	0.15	0.60	0.50	0.55		4.95		
		2	30.00	0.15	0.45	0.50	0.48		4.28		
		2	5.00	0.15	0.50	0.60	0.55		0.83		
		2	5.00	0.15	0.60	0.70	0.65		0.98		
		2	3.80	0.15	0.70	0.70	0.70		0.80		
	5th cross										
	From Atturu Main road to 1st Main Road										
	LHS	2	12.80	0.15	0.40	0.60	0.50		1.92		
	From 4th Main road to 5th Main Road										
	RHS	2	11.70	0.15	0.60	0.55	0.58		2.02		
	From 5th Main road to 6th Main Road										
	RHS	2	25.00	0.15	0.60	0.60	0.60		4.50		
	From 6th Main road to 7th Main Road										
	RHS	2	26.50	0.15	0.55	0.60	0.58		4.57		
	From 7th Main road to 8th Main Road										
	RHS	2	23.00	0.15	0.55	0.55	0.55		3.80		
	1st Main Road										
	From 5th cross to 6th cross										
	LHS	2	30.00	0.15	0.55	0.60	0.58		5.18		
		2	30.00	0.15	0.60	0.50	0.55		4.95		
		2	30.00	0.15	0.50	0.55	0.53		4.73		
		2	30.00	0.15	0.55	0.60	0.58		5.18		
		2	20.30	0.15	0.60	0.70	0.65		3.96		
	Eskart Engineering Layout										
	Cross Road From 3rd Main Road to Dead End										
	LHS	2	30.00	0.15	0.65	0.65	0.65		5.85		
		2	30.00	0.15	0.65	0.70	0.68		6.08		
		2	30.00	0.15	0.70	0.70	0.70		6.30		
		2	30.00	0.15	0.70	0.70	0.70		6.30		
		2	30.00	0.15	0.70	0.75	0.73		6.53		
		2	21.00	0.15	0.75	0.60	0.68		4.25		
	Dead End Road										
		2	25.00	0.15	0.60	0.60	0.60		4.50		
	Ramp For RCC Drain										
	1st Cross road										
	From 4th Main Road to 5th Main Road										
	RHS	1	7.00	0.55	0.10	0.10	0.10		0.39		
		1	12.50	0.40	0.10	0.10	0.10		0.50		
	8th Main Road										
	From 2nd cross to 3rd cross										
	LHS	1	27.50	0.50	0.10	0.10	0.10		1.38		
		1	10.00	0.45	0.10	0.10	0.10		0.45		
	From 3rd cross to 4th cross										
	LHS	1	18.60	0.45	0.10	0.10	0.10		0.84		

ಸಹಾಯಕ ಎಂಜಿನಿಯರ್
ಮಲ್ಲೇಶ್ವರಂ ಉಪನಗರ ಉಪವಿಭಾಗ
ಜಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-10

Item No	Description of Item	No	Length	Breadth	D1	D2	Avg Depth	Unit	Qty	Rate in Rs	Amount
		1	5.40	0.40	0.10	0.10	0.10		0.22		
	6th Main Road										
	From 4th cross to 3rd cross										
	LHS	1	9.50	0.20	0.15	0.15	0.15		0.29		
	RHS	1	6.30	0.30	0.15	0.15	0.15		0.28		
		1	4.70	0.25	0.15	0.15	0.15		0.18		
		1	5.60	0.10	0.15	0.15	0.15		0.08		
	2nd Main Road										
	From 4th cross to 5th cross										
	RHS	1	6.50	0.45	0.10	0.10	0.10		0.29		
	5th cross										
	1st Main Road										
	From 5th cross to 6th cross										
	LHS	1	30.00	0.50	0.15	0.15	0.15		2.28		
							Present Qty	**Cum**	**434.23**	**7189.42**	**3121840.28**
4	Providing T.M.T steel reinforcement for R.C.C workincluding straightening, cutting, bending, hooking, placing in position,lapping and / or welding wherever required, tying with binding wire andanchoring to the adjoining members wherever necessary complete asper design (laps, hooks and wastage shall not be measured and paid)cost of materials, labour, HOM of machinery complete as perspecifications,**TMT Bars Fe-500**										
	Qty Taken from Pre measurement page Item No.4, Page No.5 to 11							**Tonne**	**28.22**	**65046.90**	**1835336.82**
5	Providing and fixing Precast RCC cover slabs of 100 mm thick for drain in cement concrete 1:1.5:3 using graded granite jelly 20mm and down size with steel reinforcement and pointing for joints 1:3 cement mortor including form work, lift charges,curing and concrtee finished surface on both sides etc,and complete as per the directions of Enginner in charges (Data Rate)										
	For RCC drain										
	Atturu Village										
	Veerabhadra Swamy Temple Road										
	RHS	1	30.00	0.90					27.00		
		1	30.00	0.90					27.00		
		1	18.80	0.90					16.92		
	1st Cross road From Veerabhadra Swamy Temple Road to Lake Road										
	LHS	1	30.00	0.90					27.00		
		1	30.00	0.90					27.00		
		1	21.60	0.90					19.44		
		1	5.20	0.90					4.68		
	1st Cross road										
	From Atturu Main road to 2nd Main Road										
	RHS	1	18.80	0.90					16.92		
	From 4th Main Road to 5th Main Road										
	RHS										
		1	7.50	0.00					0.00		
		1	5.60	0.90					5.04		
		1	4.70	0.00					0.00		
	From 5th Main Road to 6th Main Road										
	LHS	1	23.80	0.90					21.42		
	RHS	1	24.20	0.90					10.08		
	From 6th Main Road to 7th Main Road										
	LHS	1	23.90	0.90					21.51		
	RHS	1	24.50	0.90					22.05		
	From 7th Main Road to 8th Main Road										
	LHS	1	11.50	0.90					10.35		
	RHS	1	24.40	0.90					21.96		
	From 8th Main Road to 9th Main Road										

Item No	Description of Item	No	Length	Breadth	D1	D2	Avg Depth	Unit	Qty	Rate in Rs	Amount
	LHS	1	24.90	0.90					22.41		
	RHS	1	21.60	0.90					19.44		
	From 9th Main Road to 10th Main Road										
	RHS	1	23.40	0.90					21.06		
	2nd Cross road										
	From 8th Main Road to 9th Main Road										
	LHS	1	23.50	0.90					21.15		
	RHS	1	23.60	0.90					21.24		
	8th Main Road										
	From 2nd cross to 3rd cross										
	LHS	1	1.80	0.00					0.00		
		1	30.00	0.90					27.00		
		1	30.00	0.90					27.00		
		1	12.60	0.90					11.34		
	From 3rd cross to 4th cross										
	LHS	1	18.70	0.00					0.00		
		1	30.00	0.90					27.00		
		1	24.00	0.90					21.60		
	7th Main Road										
	From 4th cross to 5th cross										
	LHS	1	30.00	0.90					27.00		
		1	16.00	0.90					14.40		
	RHS	1	30.00	0.90					27.00		
		1	5.30	0.90					4.77		
	6th Main Road										
	From 5th cross to 4th cross										
	LHS	1	30.00	0.90					27.00		
		1	15.60	0.90					14.04		
	RHS	1	23.40	0.90					21.06		
	2nd Main Road										
	From 4th cross to 5th cross										
	LHS	1	9.50	0.00					0.00		
		1	30.00	0.90					27.00		
		1	25.50	0.90					22.95		
	RHS	1	30.00	0.90					27.00		
		1	30.00	0.90					27.00		
		1	13.80	0.90					12.42		
	5th cross										
	From Atturu Main road to 1st Main Road										
	LHS	1	12.80	0.90					11.52		
	From 4th Main road to 5th Main Road										
	RHS	1	11.70	0.90					10.53		
	From 5th Main road to 6th Main Road										
		1	25.00	0.90					22.50		
	From 6th Main road to 7th Main Road										
		1	26.50	0.00					0.00		
	From 7th Main road to 8th Main Road										
	RHS	1	14.00	0.90					12.60		
		1	9.00	0.00					0.00		
	1st Main Road										
	From 5th cross to 6th cross										
	LHS	1	30.00	0.90					27.00		
		1	30.00	0.90					27.00		
		1	30.00	0.90					27.00		
		1	20.30	0.90					18.27		

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ, ಅಧಿಯಂತರ ಕಛೇರಿ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-೧೦೯

Item No	Description of Item	No	Length	Breadth	D1	D2	Avg Depth	Unit	Qty	Rate in Rs	Amount
	Eskart Engineering Layout										
	Cross Road From 3rd Main Road to Dead End										
	LHS	1	30.00	0.90					27.00		
		1	30.00	0.90					27.00		
		1	30.00	0.90					27.00		
		1	30.00	0.90					27.00		
		1	30.00	0.90					27.00		
		1	21.00	0.90					18.90		
		-30	0.90	0.60					-16.20		
	Dead End Road										
		1	10.00	0.00					0.00		
		1	15.00	0.90					13.50		
	Missing Slabs										
	1st Main Road from 5th-6th cross										
	RHS	8	0.90	0.60					4.14		
		6	0.90	0.60					3.24		
	2nd Main Road										
	From 5th cross to 6th cross										
	RHS	4	0.90	0.60					2.16		
								Present Qty	Sqm	1093.41	2337.00	2555299.17
											Total	8921747.72
											GST Charges 12%	1070609.73
											Grand Total	9992357.45

Assistant Engineer
Ward No 03
9/4/2021

Assistant Executive Engineer
Jyothiyanapura Sub-Division
Yelahanka
Satellite Town
9/04/2021